

Title (en)

PRESSURE REDUCING SECOND STAGE FOR UNDERWATER USE

Title (de)

DRUCKMINDERNDE ZWEITE STUFE FÜR UNTERWASSEREINSATZ

Title (fr)

DEUXIÈME ÉTAGE DE RÉDUCTION DE PRESSION POUR UNE UTILISATION SOUS L'EAU

Publication

**EP 3256379 B1 20190313 (EN)**

Application

**EP 16712491 A 20160210**

Priority

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- IB 2016050705 W 20160210

Abstract (en)

[origin: WO2016128913A1] Pressure reducing second stage (1) for underwater use comprising: - a case (106) provided with a breathing gas inlet, with an inhalation/exhalation port and with an exhaled gas exhaust outlet with a non-return valve, - the gas inhalation/exhalation port being connected to a mouthpiece tube (102), - the breathing gas inlet in the case (106) being connected to a breathing gas pressure reducing device provided with a hollow cylindrical element or pipe (107), which has a breathing gas inlet port (117) communicating with a gas supply conduit (103) through a valve which is interposed between said supply conduit (103) and said mouthpiece tube (102), - said case (106) being provided with pressure sensitive means for controlling the opening/closure of said valve. The breathing gas inlet in the case (106) is provided in its lower portion (106) and said hollow cylindrical element (107) being connected to said inlet on the case (106) such that its axis is substantially vertical, when used in the upright position.

IPC 8 full level

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